

ICSBEP FIVE-YEAR PLAN	
ARGONNE NATIONAL LABORATORY	
<i>IDENTIFIER</i>	<i>DRAFT TITLE</i>
<i>FY-2003</i>	
HEU-MET-FAST-067	ZPR-9 Assemblies 5 and 6: HEU (93% 235U) Cylindrical Cores with Tungsten and Aluminum Diluent with a Dense Aluminum Reflector
HEU-MET-FAST-070	ZPR-9 Assemblies 7, 8 and 9: HEU (93% 235U) Cylindrical Cores with Tungsten, Aluminum, and Al Oxide Diluent with a Dense Aluminum Reflector
IEU-COMP-FAST-001	ZPR-6 Assembly 6A: A Large, Clean, Cylindrical UO ₂ Core with Sodium Cooling Surrounded by a Depleted Uranium Reflector
IEU-MET-FAST-011	ZPR6-1 All Aluminum - 14% Enriched
MIX-COMP-FAST-001	ZPR-6 Assembly 7: A Large, Clean, Cylindrical (Pu,U)O ₂ Core with Sodium Cooling Surrounded by a Depleted Uranium Reflector
<i>FY-2004</i>	
IEU-MET-FAST-013	ZPR-9 Assembly 1: A Clean Cylindrical U (11% 235U) Metal Fuel Core with a Dense Aluminum Reflector
HEU-COMP-FAST-004	ZPR-3 Assembly 14: A Clean HEU (93% 235U) Carbide Core Reflected by Depleted Uranium
MIX-COMP-FAST-002	ZPR-9 Assembly 29: Normal and Flooded Configurations of Mixed (Pu/U)-fueled GCFR Assembly
<i>FY-2005</i>	
HEU-COMP-FAST-005	ZPPR-20 Phase C: Space Reactor Mockup with Water Immersion Simulation
HEU-COMP-FAST-006	ZPPR-20 Phase E: Space Reactor Mockup with Earth Burial Simulation
IEU-MET-FAST-015	ZPR-3 Assembly 6F: A Clean Cylindrical Core with a 235U-to-238U Ratio of 1, Reflected by Depleted Uranium
<i>FY-2006</i>	
PU-COMP-FAST-003	ZPR-9 Assembly 31: The Plutonium Carbide Benchmark Assembly Reflected by Depleted Uranium
IEU-COMP-FAST-003	ZPR-6 Assembly 5: A Large, Clean, Cylindrical Uranium Carbide Benchmark Assembly Reflected by Depleted Uranium
IEU-COMP-FAST-004	ZPR-3 Assembly 12: A Large, Clean, Cylindrical Uranium (21% 235U) Carbide Benchmark Assembly Reflected by Depleted Uranium
<i>FY-2007</i>	
PU-COMP-FAST-004	ZPR-3 Assembly 48: A Clean Cylindrical Pu Carbide Core, Reflected by Depleted Uranium
IEU-COMP-FAST-005	ZPR-3 Assembly 11: A Large, Clean, Cylindrical Uranium (12% 235U) Carbide Benchmark Assembly Reflected by Depleted Uranium
IEU-COMP-FAST-006	ZPR-3 Assembly 25: A Large, Clean, Cylindrical Uranium (9% 235U) Carbide Benchmark Assembly Reflected by Depleted Uranium